

Abstract

The present invention relates to a novel Neutrokinne-alpha, and a splice variant thereof designated Neutrokinne-alphaSV, polynucleotides and polypeptides which are members of the TNF family. In particular, isolated nucleic acid molecules are provided encoding the human Neutrokinne-alpha and/or Neutrokinne-alphaSV polypeptides, including soluble forms of the extracellular domain. Neutrokinne-alpha and/or Neutrokinne-alphaSV polypeptides are also provided as are vectors, host cells and recombinant methods for producing the same. The invention further relates to screening methods for identifying agonists and antagonists of Neutrokinne-alpha and/or Neutrokinne-alphaSV activity. Also provided are diagnostic methods for detecting immune system-related disorders and therapeutic methods for treating immune system-related disorders.